

107865 to 108014—Continued.

108009 to 108014. *VICIA* spp. Fabaceae.

Vetch.

108009. *VICIA* *SEPIUM* L.

No. 589. *Bush* vetch. From the foothills near Alma Ata, July 23, 1934. A perennial vetch native to Europe and Asia. It is semupright or bushy in habit and is eaten by stock of all kinds.

For previous introduction see 52278.

108010 and 108011. *VICIA* *TENUIFOLIA* Roth.

A deep-rooted perennial, cut for hay, which thrives in very dry situations.

For previous introduction see 107129.

108010. No. 615. Foothills near Alma Ata, July 23, 1934.

108011. No. 537. Mountains south of Alma Ata, July 25, 1934.

108012. *VICIA* sp.

No. 538. Mountains south of Alma Ata, July 23, 1934.

108013. *VICIA* sp.

No. 644. Experiment station at Alma Ata, July 22, 1934.

108014. *VICIA* sp.

No. 670. Experiment station at Alma Ata, July 22, 1934.

108015. *LICANTIA* *RIGIDA* Benth. Rosaceae.

From Ceará, Brazil. Seeds presented by H. A. Gardner, Institute of Paint and Varnish Research, Washington, D. C., through the Bureau of Chemistry and Soils. Received March 28, 1935.

A large tropical tree of the Brazilian forests, with rigid leathery oblong leaves, 3 to 5 inches long, and shining green above. The greenish, ovoid-cylindrical fruits, about 2 inches long, yield an oil known as oiticica oil, that is used in the paint and varnish industry.

For previous introduction see 106500.

108016. *AECHMEA* *MEXICANA* Baker. Bromeliaceae.

From Mexico. Plants purchased from Dr. C. A. Purpus, Zacuanam, Huatusco. Numbered in January 1935.

A tropical epiphyte, allied to the billbergias, with a basal rosette of large, long, finetoothed leaves and a lax panicle of crimson flowers borne on a long stalk arising from the center of the plant. Native to Mexico.

108017. *CASTANEA* sp. Fagaceae.

From Indo-China. Seeds presented by M. Poilane, Annam, Institut des Recherches Agronomiques de l'Indochine, Division de Botanique. Numbered in January 1935.

108018. *EUPHORBIA* sp. Euphorbiaceae.

From Madagascar. Seeds presented by Miss Bargyla Rateaver, Port Dauphin. Received March 22, 1935.

Introduced for Department specialists.

108019. *EUPHORBIA* sp.

From Mexico. Seeds presented by the V. D. Anderson Co., Cleveland, Ohio. Received April 9, 1935.

Introduced for Department specialists.

108020. *LIVISTONA* *ROTUNDIFOLIA* (Lam.) Mart. Phoenicaceae. Java fan palm.

From Cuba. Plants presented by Robert M. Grey, Superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos, through F. G. Walsingham. Received October 29, 1934. Numbered in January 1935.

Seedlings from seeds grown in Cuba. An erect fan-leaved palm, with a trunk ultimately about 50 feet high and 18 inches in diameter. The roundish leaves, with 60 to 80 segments, are 3 to 5 feet across.

For previous introduction see 104696.

108021. *SABAL* *MAURITIAEFORMIS* (Karst.) Griseb. and Wendl. Phoenicaceae.

From Cuba. Seedlings presented by the Department of Agriculture, British Guiana, through Robert M. Grey, Superintendent of the Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos. Received October 9, 1934.

A handsome West Indian fan-leaved palm with a trunk 60 to 80 feet in height and over a foot in diameter and large roundish leaves multifold to the middle, up to 12 feet in diameter. The black fruits are about the size of peas.

For previous introduction see 104703.

108022. *MANGIFERA* *INDICA* L. Anacardiaceae. Mango.

From Trinidad, British West Indies. Seeds presented by Dr. Doris M. Cochran, assistant curator of reptiles, United States National Museum. Numbered in January 1935.

Introduced for Department specialists.

108023. *EULOPHIA* *ANDAMENSIS* Reichb. Orchidaceae.

From Siam. Bulbs presented by Dr. H. M. Smith, Ministry of Lands and Agriculture, Bureau of Fisheries, Bangkok. Received January 5, 1935.

A terrestrial orchid, native to the Andaman Islands, with oblong-lanceolate acuminate leaves.

108024. *PHYLLOSTACHYS* sp. Poaceae.

From China. Plants presented by the Lingnan University, Canton. Numbered in January 1935.

No. 7484.

108025 to 108119.

From the Union of Soviet Socialist Republics. Seeds collected in Turkistan by H. L. Westover and C. R. Enlow, Bureau of Plant Industry. Received November 5, 1934. Numbered in January 1935.

Introduced for Department specialists.

108025. *ACONITUM* sp. Ranunculaceae.

No. 791. On the mountains along the Karakol River near Lake Issyk, August 4, 1934.

108026 to 108037. *AGROPYRON* spp. Poaceae. Wheatgrass.108026 to 108032. *AGROPYRON* *CRISTATUM* (L.) Gaertn. Crested wheatgrass.

108026. No. 713. From dry clay foothills south of Frunze, July 31, 1934.